Kaoru Dohi

List of Publications by Year
in descending order

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Version: 2024-02-01

62 papers	2,465 citations	279487 23 h-index	197535 49 g-index
62 all docs	62 docs citations	62 times ranked	2650 citing authors

#	Article	IF	Citations
1	Novel Speckle-Tracking Radial Strain From Routine Black-and-White Echocardiographic Images to Quantify Dyssynchrony and Predict Response to Cardiac Resynchronization Therapy. Circulation, 2006, 113, 960-968.	1.6	761
2	Usefulness of echocardiographic tissue synchronization imaging to predict acute response to cardiac resynchronization therapy. American Journal of Cardiology, 2004, 93, 1178-1181.	0.7	258
3	Native T1 Mapping and Extracellular Volume Mapping for the Assessment of Diffuse Myocardial Fibrosis in DilatedÂCardiomyopathy. JACC: Cardiovascular Imaging, 2018, 11, 48-59.	2.3	175
4	Relation of Right Ventricular Free Wall Mechanical Delay to Right Ventricular Dysfunction as Determined by Tissue Doppler Imaging. American Journal of Cardiology, 2005, 96, 602-606.	0.7	145
5	Utility of Echocardiographic Radial Strain Imaging to Quantify Left Ventricular Dyssynchrony and Predict Acute Response to Cardiac Resynchronization Therapy. American Journal of Cardiology, 2005, 96, 112-116.	0.7	136
6	Reversible Right Ventricular Regional Non-Uniformity Quantified by Speckle-Tracking Strain Imaging in Patients With Acute Pulmonary Thromboembolism. Journal of the American Society of Echocardiography, 2009, 22, 1353-1359.	1.2	73
7	Quantification of radial mechanical dyssynchrony in patients with left bundle branch block and idiopathic dilated cardiomyopathy without conduction delay by tissue displacement imaging. American Journal of Cardiology, 2004, 94, 514-518.	0.7	63
8	Short-term effects of low-dose tolvaptan on hemodynamic parameters in patients with chronic heart failure. Journal of Cardiology, 2012, 60, 462-469.	0.8	52
9	Effect of Combination Therapy of Ezetimibe and Rosuvastatin on Regression of Coronary Atherosclerosis in Patients With Coronary Artery Disease. International Heart Journal, 2015, 56, 278-285.	0.5	49
10	Estimation of myocardial extracellular volume fraction with cardiac CT in subjects without clinical coronary artery disease: A feasibility study. Journal of Cardiovascular Computed Tomography, 2016, 10, 237-241.	0.7	46
11	Effects of Radial Left Ventricular Dyssynchrony on Cardiac Performance Using Quantitative Tissue Doppler Radial Strain Imaging. Journal of the American Society of Echocardiography, 2006, 19, 475-482.	1.2	44
12	Role of Radial Strain and Displacement Imaging to Quantify Wall Motion Dyssynchrony in Patients With Left Ventricular Mechanical Dyssynchrony and Chronic Right Ventricular Pressure Overload. American Journal of Cardiology, 2008, 101, 1206-1212.	0.7	43
13	Left Ventricular Contraction-Relaxation Coupling in Normal, Hypertrophic, and Failing Myocardium Quantified by Speckle-Tracking Global Strain and Strain Rate Imaging. Journal of the American Society of Echocardiography, 2010, 23, 747-754.	1.2	38
14	Diuretic effects of sodiumâ€“glucose cotransporter 2 inhibitor in patients with type 2 diabetes mellitus and heart failure. International Journal of Cardiology, 2015, 201, 1-3.	0.8	37
15	Ventricular Function and Dyssynchrony Quantified by Speckle-Tracking Echocardiography in Patients with Acute and Chronic Right Ventricular Pressure Overload. Journal of the American Society of Echocardiography, 2013, 26, 483-492.	1.2	33
16	The Speckle Tracking Imaging for the Assessment of Cardiac Resynchronization Therapy (START) Study. Circulation Journal, 2015, 79, 613-622.	0.7	32
17	Cardiovascular magnetic resonance feature tracking for characterization of patients with heart failure with preserved ejection fraction: correlation of global longitudinal strain with invasive diastolic functional indices. Journal of Cardiovascular Magnetic Resonance, 2020, 22, 42.	1.6	32
18	Echocardiographic Assessment of Cardiac Structural and Functional Abnormalities in Patients With End-Stage Renal Disease Receiving Chronic Hemodialysis. Circulation Journal, 2018, 82, 586-595.	0.7	31

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19	Utility of right ventricular Tei-index for assessing disease severity and determining response to treatment in patients with pulmonary arterial hypertension. Journal of Cardiology, 2014, 63, 149-153.	0.8	30
20	Novel Diuretic Strategies for the Treatment of Heart Failure in Japan. Circulation Journal, 2014, 78, 1816-1823.	0.7	28
21	Impact of heart rate on mechanical dyssynchrony and left ventricular contractility in patients with heart failure and normal QRS duration. European Journal of Heart Failure, 2007, 9, 637-643.	2.9	26
22	Role of haemodialytic therapy on left ventricular mechanical dyssynchrony in patients with end-stage renal disease quantified by speckle-tracking strain imaging. Nephrology Dialysis Transplantation, 2011, 26, 1655-1661.	0.4	26
23	Reversible Left Ventricular Regional Non-Uniformity Quantified by Speckle-Tracking Displacement and Strain Imaging in Patients with Acute Pulmonary Embolism. Journal of the American Society of Echocardiography, 2011, 24, 792-802.	1.2	25
24	Chronic Inflammatory Disease Is an Independent RiskÂFactor for Coronary Flow Velocity Reserve Impairment Unrelated to the Processes of Coronary Artery Calcium Deposition. Journal of the American Society of Echocardiography, 2016, 29, 173-180.	1.2	25
25	Recurrent inflammatory aortic aneurysms in chronic mucocutaneous candidiasis with a gain-of-function STAT1 mutation. International Journal of Cardiology, 2015, 196, 88-90.	0.8	18
26	Utility of strain-echocardiography in current clinical practice. Journal of Echocardiography, 2016, 14, 61-70.	0.4	14
27	Differences in Prognosis and Cardiac Function According to Required Percutaneous Mechanical Circulatory Support and Histological Findings in Patients With Fulminant Myocarditis: Insights From the CHANGE PUMP 2 Study. Journal of the American Heart Association, 2022, 11, e023719.	1.6	14
28	Comparison of Coronary Flow Velocity Reserve Measurement by Transthoracic Doppler Echocardiography With 320-Row Multidetector Computed Tomographic Coronary Angiography in the Detection of In-Stent Restenosis in the Three Major Coronary Arteries. American Journal of Cardiology, 2012, 110, 13-20.	0.7	13
29	Diagnostic Accuracy of Endocardial-to-Epicardial Myocardial Blood Flow Ratio for the Detection of Significant Coronary Artery Disease With Dynamic Myocardial Perfusion Dual-Source Computed Tomography. Circulation Journal, 2017, 81, 1477-1483.	0.7	12
30	Impact of renal function on the underlying pathophysiology of coronary plaque composition in patients with type 2 diabetes mellitus. Cardiovascular Diabetology, 2017, 16, 131.	2.7	12
31	Echocardiographic assessment of cardiac structure and function in chronic renal disease. Journal of Echocardiography, 2019, 17, 115-122.	0.4	12
32	Myocardial Native T1 Predicts Load-Independent Left Ventricular Chamber Stiffness In Patients With HFpEF. JACC: Cardiovascular Imaging, 2020, 13, 2117-2128.	2.3	12
33	Quantifying longitudinal right ventricular dysfunction in patients with old myocardial infarction by using speckle-tracking strain echocardiography. Cardiovascular Ultrasound, 2013, 11, 23.	0.5	11
34	Myocardial tissue characterization and strain analysis in healthy pregnant women using cardiovascular magnetic resonance native T1 mapping and feature tracking technique. Journal of Cardiovascular Magnetic Resonance, 2018, 20, 52.	1.6	11
35	Data on correlation between CT-derived and MRI-derived myocardial extracellular volume. Data in Brief, 2016, 7, 1045-1047.	0.5	9
36	Echocardiographic estimation of pulmonary capillary wedge pressure using the combination of diastolic annular and mitral inflow velocities. Journal of Echocardiography, 2013, 11, 1-8.	0.4	8

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37	Calcified amorphous tumor of the heart in a hemodialysis patient. Echocardiography, 2016, 33, 1926-1928.	0.3	8
38	Novel molecular mechanisms in the inhibition of adrenal aldosterone synthesis: Action of tolvaptan via vasopressin V 2 receptorâ€independent pathway. British Journal of Pharmacology, 2019, 176, 1315-1327.	2.7	8
39	Mechanisms and prediction of short-term natriuretic effect of sodium-glucose cotransporter 2 inhibitor in heart failure patients coexisting type 2 diabetes mellitus. Heart and Vessels, 2020, 35, 1218-1226.	0.5	8
40	Coronary Microvascular Dysfunction Restored After Surgery in Inflammatory Bowel Disease: A Prospective Observational Study. Journal of the American Heart Association, 2021, 10, e019125.	1.6	8
41	Detection of Coronary Artery Disease Using Coronary Flow Velocity Reserve by Transthoracic Doppler Echocardiography versus Multidetector Computed Tomography Coronary Angiography: Influence of Calcium Score. Journal of the American Society of Echocardiography, 2014, 27, 775-785.	1.2	7
42	Tacrolimus-induced left ventricular apical hypertrophy in a patient with post-allogeneic hematopoietic stem cell transplantation. International Journal of Cardiology, 2014, 177, e22-e24.	0.8	7
43	Detrimental Impact of Vasopressin V2 Receptor Antagonism in a SU5416/Hypoxia/Normoxia-Exposed Rat Model of Pulmonary Arterial Hypertension. Circulation Journal, 2016, 80, 989-997.	0.7	7
44	Quantification of extracellular volume fraction by cardiac computed tomography for noninvasive assessment of myocardial fibrosis in hemodialysis patients. Scientific Reports, 2020, 10, 15367.	1.6	7
45	Monitoring of the Evolution of Immune Checkpoint Inhibitor Myocarditis With Cardiovascular Magnetic Resonance. Circulation: Cardiovascular Imaging, 2020, 13, e010633.	1.3	7
46	Myocardial tissue imaging with cardiovascular magnetic resonance. Journal of Cardiology, 2022, 80, 377-385.	0.8	7
47	Long-term prognostic value of whole-heart coronary magnetic resonance angiography. Journal of Cardiovascular Magnetic Resonance, 2021, 23, 56.	1.6	6
48	Clinical Validation of the Accuracy of Absolute Myocardial Blood Flow Quantification with Dual-Source CT Using ¹⁵O-Water PET. Radiology: Cardiothoracic Imaging, 2021, 3, e210060.	0.9	6
49	Prognostic importance of acute phase extracellular volume evaluated by cardiac magnetic resonance imaging for patients with acute myocardial infarction. International Journal of Cardiovascular Imaging, 2021, 37, 3285-3297.	0.7	5
50	Management of immune checkpoint inhibitor myocarditis: a serial cardiovascular magnetic resonance T2 mapping approach. European Heart Journal, 2021, 42, 2869-2869.	1.0	4
51	Effects of cardiac resynchronization therapy on left ventricular mechanical dyssynchrony induced by right ventricular pacing in a patient with heart failure and preserved ejection fraction. International Journal of Cardiology, 2014, 177, 1069-1072.	0.8	3
52	Renal resistive index as an indicator of the presence and severity of anemia and its future development in patients with hypertension. BMC Nephrology, 2015, 16, 45.	0.8	3
53	Cardiorenal protective effects of sodium-glucose cotransporter 2 inhibition in combination with angiotensin II type 1 receptor blockade in salt-sensitive Dahl rats. Journal of Hypertension, 2022, 40, 956-968.	0.3	3
54	A novel method for the quantitative evaluation of diurnal respiratory instability in patients with heart failure: A pilot study. Journal of Cardiology, 2018, 71, 159-167.	0.8	2

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55	Serial Native T1 Assessment for LVÂFunctional Recovery in Recent-Onset DCM. JACC: Cardiovascular Imaging, 2022, 15, 369-372.	2.3	2
56	â€˜Targeting the cardiac myocyte and fibrosisâ€™ in heart failure. European Heart Journal, 2022, 43, 432-432.	1.0	2
57	Fatal myopericarditis complicated with coronary vein perforation under the triple antithrombotic therapy: a case report. European Heart Journal - Case Reports, 2021, 5, ytab098.	0.3	1
58	Marked changes in bioprosthetic valve thrombosis by anticoagulation therapy. European Heart Journal - Case Reports, 2019, 3, 1-3.	0.3	0
59	Autopsy study of pulmonary capillary hemangiomatosis with inflammatory cell infiltration into the myocardium. Pulmonary Circulation, 2020, 10, 1-3.	0.8	0
60	Atrial wall thickening, fevers, and atrial fibrillation caused by immunoglobulin G4-related biatrial cardiomyopathy. European Heart Journal, 2020, 41, 3488-3488.	1.0	0
61	Type VI collagen-related nephropathy. CKJ: Clinical Kidney Journal, 0, , .	1.4	0
62	Arrhythmogenic right ventricular cardiomyopathy complicating hypertrophic cardiomyopathy. European Heart Journal Cardiovascular Imaging, 0, , .	0.5	0